Chapter 11

p. 617, line 12 : replace "**u** inside Ω" by $\int_\Omega \mathbf{u} dx$

p. 620, line 11 : after $p(\rho, s)$ insert "with[1] $p_\rho > 0, p_s > 0$ and $p_{\rho\rho} + \frac{2}{\rho} p_\rho > 0$].

p. 631, line 4 : "R and S" should be "S and R"

p. 632, line −3 and **p. 633, line** −11: $= 0$ should be $= \mathbf{0}$

p. 633, line 10 : after Γ insert "of equation $x = s(t)$"

p. 633, line 13 : after Γ insert: "and $\sigma = \dot{s}(t)$ is the speed of the discontinuity"

p. 637, line 14 : replace "can be expressed by" by "implies"

p. 637, line −3, erase one of the two "on"

p. 640, line 4: After 211. insert: We will say that a shock wave is *admissible* or *entropic* if it satisfies this condition.

p. 641, line 1: after "Now," insert " in the case of stictly convex/concave flux function q,"

p. 641, line 10 : **p. 642, lines** 4, 7 : $\mathbf{u}_r$ should be $\mathbf{u}$.

p. 646, line −5 : w should be v.

p. 647, line −5 :, replace w with v

p. 652, line 5 : erase entropy

p. 652, line 11 : erase entropic

p. 653, line 7 : curve should be curves

p. 655, line −2 : after R, insert: L, inductance

p. 657, line 15 : $(uh)_x$ should be $uu_x + gh_x$

References

pag 680, line −7 : Shilovn should be Shilov

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[1]See *Godlewsky-Raviart, 1998.*